UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/734,045	12/12/2000	Richard B. Gorelick	2043.063US1	3515

			EXAMINER
21186	7590	12/27/2005	HILLERY, NATHAN

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ART UNIT	PAPER NUMBER
2176	

DATE MAILED: 12/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *13 October 2005*.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-4, 7 and 9* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-4, 7 and 9* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

DETAILED ACTION

1.   This action is responsive to communications: Amendment filed on 10/13/05.

2.   Claims 1 – 4, 7, and 9 are pending in the case. Claims 1 and 9 are independent.

3.   The rejection of claims 1, 3, 4 and 9 under 35 U.S.C. 102(e) as being anticipatory

has been withdrawn as necessitated by amendment.

4.   The rejection of claims 2, 5, and 7 under 35 U.S.C. 103(a) as being unpatentable

has been withdrawn as necessitated by amendment.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims 1 – 4, 7 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Rodkin et al. (US 6092074 A) and in further view of Sundaresan (US 6651058 B1).

7.   **Regarding independent claim 1**, Rodkin et al. teach that *the content server 410*

may provide hypertext links only for character strings in the on-line article 405 which

match a local database of stored character strings at the content server, and/or which

have no corresponding destination address. If a character string in the on-line article

405 does not match the database of stored character strings or has no corresponding

destination address, no link is provided (Column 12, lines 43 – 49) and that *the*

Intelligent Annotator^TM 520 may insert the destination address itself, e.g., a URL ... into

the article to be annotated (Column 19, lines 33 – 36), compare with **comparing the**

text to one or more character strings contained in a database in order to identify

specific character strings from the database that appear in the text, wherein each

of the character strings has an associated hyperlink that is also contained in the

database; and for each of the identified character strings contained in the text,

inserting the associated hyperlink into the webpage. Rodkin et al. teach that

advantageously, the present invention allows the destination addresses in the database

540 to be changed without changing the annotated article. That is, the destination

address which is referenced by a given anchor code can be changed over time. For

example, the anchor code for "quote" mentioned above may initially reference the

destination address "http://www.quotes.com" which is provided by Company A.

However, a competing company, such as a stockbroker, Company B, may pay the

central server administrator to update the master destination and expiration database

555 with the preferred destination address of Company B, e.g.,

"http://www.companyB.com". When the next periodic update of the content servers

occurs, the central server 450 will transmit the updated destination address to the

content server 410 for storage in the destination and expiration database 540. Then,

the next time a Web surfer activates the anchor code for "quote" mentioned above, a

link to the preferred destination address of Company B will occur (Column 17, lines 49 –

67), compare with **designating a name for a product and storing the name of the**

product as one of the character strings in the database. Rodkin et al. do not

explicitly teach **communicating the name of the product to a producer of the text,**

wherein the name of the product is designated from a plurality of names of the

product that are utilized by the producer of the text. Sundaresan teaches that *FIG. 5*

illustrates an exemplary system 140 for the automatic mining of new relationships that

uses the automatic and iterative recognition of new binary relations through phrases

that embody related pairs by applying lexicographic and statistical techniques to classify

the relations, and further by applying a minimal amount of domain knowledge of the

relevance of the terms and relations. New terms are obtained from relations discovered

by the system for automatic mining of patterns and relations of the same kind by

selecting an item (or a column) of a pair. For example, for the purpose of identifying

relevant products, one can obtain all the product names from the product item (or

column) of (company, product) pairs of a production relationship (Column 8, lines 22 –

34), compare with **communicating the name of the product to a producer of the**

text, wherein the name of the product is designated from a plurality of names of

the product that are utilized by the producer of the text. It would have been obvious

to one of ordinary skill in the art at the time of the invention to combine the invention of

Rodkin et al. with that of Sundaresan because such a combination would allow the

users of Rodkin et al. the benefit of *an automatic mining system to discover terms that*

are relevant to a given target topic from a large database (Column 3, lines 34 – 36).

8.   **Regarding dependent claim 2**, Rodkin et al. do not explicitly teach that **the text**

comprises content of a newsgroup article. However, Rodkin et al. do teach that *the*

content server 410 processes an on-line text article 405 using an executable Intelligent

Annotator.TM. 412 to automatically associate hypertext anchor codes with various

character strings in the article. A resulting on-line article with hypertext 415 can be

produced and stored locally on the content server 410 (Column 12, lines 31 – 36). It would have been obvious to one of ordinary skill in the art at the time of the invention to be motivated to use the invention of Rodkin et al. on newsgroup articles so that the users can process all types of on-line text articles including newsgroup articles.

9.   **Regarding dependent claims 3 and 4**, Rodkin et al. teach that *a computer user viewing the page can access the referenced document simply by selecting the highlighted text in the instant file, e.g., by clicking on the highlighted text with a mouse or other pointing device. A markup language anchor, or markup language hyperlink, is the reference icon on a Web page which links a user's Web browser to relevant information. An HTML anchor, or HTML hyperlink, is the underlined text on a Web page which links a user's Web browser to another location.* (Column 1, lines 26 – 35) and that *in the above examples where it was indicated that a content server administrator input 530 may be used, generally such input is optional as the present invention provides the capability for fully automatic insertion of hypertext link codes into the article to be annotated* (Column 20, lines 55 – 59), compare with **the hyperlinks are inserted into the text of the webpage** and for **reconfiguring computer code used to form the webpage such that the identified character strings change appearance and the associated hyperlink is selectable by a user that selects and clicks on the identified character strings.**

10.   **Regarding dependent claim 7**, Rodkin et al. do not explicitly teach that **only the first occurrence in the text of the character string is hyperlinked**. However, it would have been obvious to one of ordinary skill in the art at the time of the invention to be

motivated to use the invention of Rodkin et al. in that way because the skilled artisan

would not want the user to believe that the other occurrences in the text of any

character string are different links from each other and the first occurrence; thereby,

allowing the user to checkout the other links and not have to constantly revisit links that

the user has already seen.

11.   **Regarding independent claim 9**, the claim incorporates substantially similar

subject matter as claim 1, and is rejected along the same rationale.

Response to Arguments

12.   Applicant's arguments with respect to claims 1 – 4, 7, and 9 have been

considered but are moot in view of the new ground(s) of rejection.

Conclusion

13.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan Hillery whose telephone number is (571) 272-4091. The examiner can normally be reached on M - F, 10:30 a.m. - 7:00 p.m

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R. Herndon can be reached on (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NH

WILLIAM BASHORE
PRIMARY EXAMINER

12/21/2005